

Electric Vehicle Charging for All

Presented by Housing & Climate Justice for Acton

Why Electric Cars Matter to Me

Why EV Charging Access Matters for Acton

- Without the ability to charge conveniently and affordably at home, it's difficult to own an EV.
- Gas-powered vehicles contribute nearly half of Acton's total greenhouse gas emissions.
- More than 30 percent of Acton's residents live in apartments and condos. Most of us own at least one car per household.
- **We can't switch to EVs until chargers are installed.**

Why EV Charging Access Matters for Acton

- Electric vehicles are becoming more affordable. Many used EVs are available for under \$15,000. Subsidies are poised to increase.
- An electric car costs less than half of what a gas-powered car costs to maintain and operate — an average savings of \$632 annually.

Benefits of Expanding Electric Car Charging in Acton

- **Accelerate EV adoption**
- **Reduce pollution and negative health impacts**
- **Make Acton appealing to residents, homebuyers, businesses**
- **Allow residents to take advantage of EV incentives, tax rebates and trade-in programs**

Electric Car Myths & Facts



MYTH: There is no need for Level 2 chargers. Renters and condo owners can use a normal outlet!

FACT: With a normal outlet, charging a Chevy Bolt for an hour only provides 4 miles of range. Acton's average commute is 36 minutes each way (between 25 and 60 miles). We need Level 2 chargers.



MYTH: Just use a public charger!

FACT: Fully charging a Chevy Bolt at a Level 2 public charger takes 9.5 hours – that's 12 miles per hour of charging. Most people can't leave their car at Town Hall that long. We need charging access at home.



MYTH: EVs only need to be charged every few days

FACT: Cold winters mean daily, overnight charging at our homes is key!

Without Your Vote, One-Third of Acton Residents will be Shut Out

Climate solutions require Town coordination. Just as the Town backed Pay as you Throw and Acton Power Choice, the Town should back EV charging.

Most Condo residents and renters do not currently have the ability to get apartment complex sized charging stations (\$8,000 to \$12,000) installed even if they are willing to pay

Grant funding that the Town has access to and coordination from Town staff can make the difference.

What Would the Warrant Article Do?

- **This is a referendum** to see if Town Meeting voters want the Select Board to help apartment and condo dwellers get charging stations at their buildings.
- This article, if passed, will NOT change the law. It will not require anyone to do anything.
- **This is a no-cost way to help the Town meet its climate goals.**

**30% of Acton Households are
Condo Owners & Renters.**

**We want and need to be part
of Acton's green future.**

EV Charging for All is endorsed by the Sierra Club Massachusetts chapter, Acton Climate Coalition, Green Acton, Mothers Out Front, Acton's Green Advisory Board and the Acton Select Board, Acton Housing for All.